

**COMBINED DECLARATION AND POWER OF ATTORNEY**(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION, OR C-I-P)

As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is of the following type:

(check one applicable item below)

- ☒ original.  
☐ design.  
☐ supplemental.

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.

- ☐ national stage of PCT.

NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.

NOTE: See 37 C.F.R. § 1.63(d) (continued prosecution application) for use of a prior nonprovisional application declaration in the continuation or divisional application being filed on behalf of the same or fewer of the inventors named in the prior application.

- ☐ divisional.  
☐ continuation.

NOTE: Where an application discloses and claims subject matter not disclosed in the prior application, or a continuation or divisional application names an inventor not named in the prior application, a continuation-in-part application must be filed under 37 C.F.R. § 1.53(b) (application filing requirements — nonprovisional application).

- ☐ continuation-in-part (C-I-P).

**INVENTORSHIP IDENTIFICATION**

**WARNING:** If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**SYSTEM AND METHOD FOR DYNAMICALLY GENERATING VIEWABLE GRAPHICS

Sector \$ #3

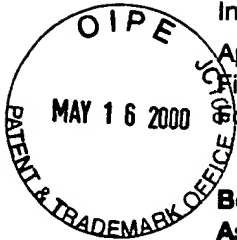
Practitioner's Docket No. L09-99-048**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Estrada, et al

Application No.: 09 / 477,477 Group No.:

Filed: January 4, 2000 Examiner:

For: SYSTEM AND METHOD FOR DYNAMICALLY GENERATING VIEWABLE GRAPHICS



**Box Missing Part**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

**COMPLETION OF FILING REQUIREMENTS**  
**— NONPROVISIONAL APPLICATION**

(check and complete this item, if applicable)

- I. ☒ This replies to the Notice to File Missing Parts of Application (PTO-1533)  
 mailed February 11, 2000

NOTE: If these papers are filed before the office letter issues, adequate identification of the original papers should be made, e.g., in addition to the name of the inventor and title of invention, the filing date based on the "Express Mail" procedure, the serial number from the return post card or the attorney's docket number added.

- ☒ A copy of the Notice to File Missing Parts of Application—Filing Date  
 Granted (Form PTO-1533) is enclosed.

NOTE: The PTO requires that a copy of Form PTO-1533 be returned with the response to the notice to file missing parts to the application.

---

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))**

I hereby certify that this correspondence is, on the date shown below, being:

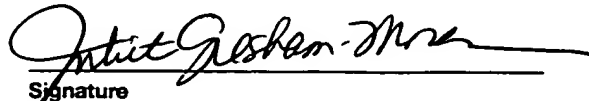
**MAILING**

- ☒ deposited with the United States Postal  
 Service with sufficient postage as first class  
 mail in an envelope addressed to the  
 Assistant Commissioner for Patents,  
 Washington, D.C. 20231.

**FACSIMILE**

- ☐ transmitted by facsimile to the  
 Patent and Trademark Office.

Date: 5/11/00

  
 Signature

Juliet Gresham-Moran

(type or print name of person certifying)

(Completion of Filing Requirements — Nonprovisional Application [5-1]—page 1 of 6)

## DECLARATION OR OATH

- II. ☒ No declaration or oath was filed. Enclosed is the original declaration or oath for this application.

NOTE: If the correct inventor or inventors are not named on filing a nonprovisional application under § 1.53(b) without an executed oath or declaration under § 1.63, the later submission of an executed oath or declaration under § 1.63 during the pendency of the application will act to correct the earlier identification of inventorship. 37 C.F.R. § 1.48(f)(1).



OR

- ☐ The declaration or oath that was filed was determined to be defective. A new original oath or declaration is attached.

NOTE: For surcharge fee for filing declaration after filing date complete item VI(3) below.

NOTE: "The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 C.F.R. § 1.63:

"(A) application number (consisting of the series code and the serial number, e.g., 08/123,456);

"(B) serial number and filing date;

"(C) attorney docket number which was on the specification as filed;

"(D) title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or

"(E) title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g., 08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."

M.P.E.P. § 601.01(a), 7th Ed.

NOTE: Another minimum found acceptable in the declaration is the filing date (i.e., date of express mail) and the express mail number, useful where the serial number is not yet known. But note the practice where the express mail deposit is a Saturday, Sunday or holiday within the District of Columbia. 37 C.F.R. § 1.10(c).

(complete (c) or (d), if applicable)

Attached is a

- (c) ☐ Statement by a registered attorney that the application filed in the PTO is the application that the inventor executed by signing the declaration.
- (d) ☐ Statement that the "attached" specification is a copy of the specification and any amendments thereto that were filed in the PTO to obtain the filing date.

## AMENDMENT CANCELLING CLAIMS

- III. ☐ Cancel claims \_\_\_\_\_ inclusive.

(Completion of Filing Requirements — Nonprovisional Application [5-1]—page 2 of 6)

# TRANSMITTAL OF ENGLISH TRANSLATION OF NON-ENGLISH LANGUAGE PAPERS

- IV. ☐ Submitted herewith is an English translation of the non-English language application papers as originally filed. Also submitted herewith is a statement by the translator of the accuracy of the translation. It is requested that this translation be used as the copy for examination purposes in the PTO.

NOTE: For fee processing a non-English application, complete item VI(5) below.

NOTE: A non-English oath or declaration in the form provided by the PTO need not be translated. 37 C.F.R. § 1.69(b).



## SMALL ENTITY STATUS

V.

- ☐ A statement that this filing is by a small entity  
(check and complete applicable items)
- ☐ is attached.
- ☐ A separate refund request accompanies this paper.
- ☐ was filed on \_\_\_\_\_ (original).

## COMPLETION FEES

VI.

**WARNING:** Failure to submit the surcharge fees where required will cause the application to become abandoned. 37 C.F.R. § 1.53.

NOTE: For effect on fees of failure to establish status, or change status, as a small entity, see 37 C.F.R. § 1.28(a).

### 1. Filing fee

- ☐ original patent application  
(37 C.F.R. § 1.16(a)—\$690.00; Small entity—\$345.00) \$ \_\_\_\_\_
- ☐ design application  
(37 C.F.R. § 1.16(f)—\$310.00; small entity—\$155.00) \$ \_\_\_\_\_
- \$ \_\_\_\_\_

### 2. Fees for claims

- ☐ each independent claim in excess of 3  
(37 C.F.R. § 1.16(b)—\$78.00; small entity—\$39.00) \$ \_\_\_\_\_
- ☐ each claim in excess of 20  
(37 C.F.R. § 1.16(c)—\$18.00; small entity—\$9.00) \$ \_\_\_\_\_
- ☐ multiple dependent claim(s)  
(37 C.F.R. § 1.16(d)—\$260.00; small entity—\$130.00) \$ \_\_\_\_\_

3. Surcharge fees

- ☒ late payment of filing fee and/or late filing of original declaration or oath  
(37 C.F.R. § 1.16(e)—\$130.00; small entity—\$65.00); \$ 130.00

NOTE: Even where a facsimile declaration or oath signed by the inventor(s) was part of the originally filed papers, the surcharge fee is required.

NOTE: If both the filing fee and declaration or oath were missing from the original papers, the Office practice under § 37 C.F.R. § 1.16(e) is that only one surcharge Fee need be paid whether the later filed oath or declaration and/or the filing fee are submitted afterwards at the same time or at different times.

4. ☐ Petition and fee for filing by other than all the inventors or a person not the inventor  
(37 C.F.R. §§ 1.17(i) and 1.47—\$130.00) \$ \_\_\_\_\_

5. ☐ Fee for processing an application filed with a specification in a non-English language  
(37 C.F.R. §§ 1.17(k) and 1.52(d)—\$130.00) \$ \_\_\_\_\_

6. ☐ Fee for processing and retention of application  
(37 C.F.R. §§ 1.21(l) and 1.53(d)—\$130.00) \$ \_\_\_\_\_

7. ☒ Assignment (See "ASSIGNMENT COVER SHEET".)

NOTE: 37 C.F.R. § 1.21(l) establishes a fee for processing and retaining any application which is abandoned for failing to complete the application pursuant to 37 C.F.R. § 1.53(f) and this, as well as, the changes to 37 C.F.R. §§ 1.53 and 1.78 indicate that in order to obtain the benefit of a prior U.S. application, either the basic filing fee or the processing and retention fee of § 1.21(l) within 1 year of notification under §1.53(f) must be paid.

Total completion fees \$ 130.00

### EXTENSION OF TIME

#### VII.

(complete (a) or (b), as applicable)

The proceedings herein are for a patent application, and the provisions of 37 C.F.R. § 1.136(a) apply.

- (a) ☒ Applicant petitions for an extension of time, the fees for which are set out in 37 C.F.R. § 1.17(a)(1)-(4), for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
<input checked="" type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 380.00	\$ 190.00
<input type="checkbox"/> three months	\$ 870.00	\$ 435.00
<input type="checkbox"/> four months	\$ 1,360.00	\$ 680.00

Fee: \$ 110.00

If an additional extension of time is required, please consider this a petition therefor.

(Completion of Filing Requirements — Nonprovisional Application [5-1]—page 4 of 6)

(check and complete the next item, if applicable)



- ☐ An extension for \_\_\_\_\_ months has already been secured, and the fee paid therefor of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$\_\_\_\_\_

or

- (b) ☐ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

### TOTAL FEE DUE

#### VIII.

The total fee due is

Completion fee(s) \$ 130.00

Extension fee (if any) \$ 110.00

Total Fee Due \$ 240.00

### PAYMENT OF FEES

#### IX.

- ☐ Enclosed is a check in the amount of \$\_\_\_\_\_
- ☒ Charge Account No. DA12-2158 in the amount of \$ 240.00  
A duplicate of this request is attached.

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 C.F.R. § 1.22(b).

Please charge Account No. \_\_\_\_\_ for any fees that may be due by this paper

### AUTHORIZATION TO CHARGE ADDITIONAL FEES

#### X.

**WARNING:** Accurately count claims, especially multiple dependant claims, to avoid unexpected high charges if extra claims are authorized.

NOTE: "Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).

- ☒ The Commissioner is hereby authorized to charge the following additional fees that may be required by this paper and during the pendency of this application to Account No. DA12-2158

☒ 37 C.F.R. § 1.16(a), (f) or (g) (filing fees)

☒ 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

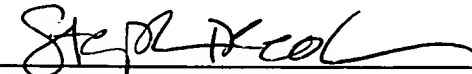
- ☒ 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- ☒ 37 C.F.R. § 1.17(a)(1)–(5) (extension fees pursuant to § 1.136(a))
- ☒ 37 C.F.R. § 1.17 (application processing fees)

NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).

- ☐ 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))

NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. § 1.311(b).

NOTE: 37 C.F.R. § 1.28(b) requires "Notification of any change in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying . . . issue fee . . ." From the wording of 37 C.F.R. § 1.28(b): (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.



SIGNATURE OF PRACTITIONER

Reg. No. 34,360

Stephen T. Keohane

(type or print name of practitioner)

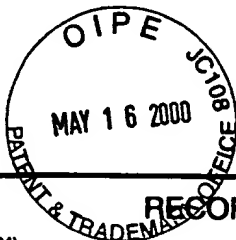
Tel. No.: (617) 693-4152

Lotus Development Corporation  
55 Cambridge Parkway

P.O. Address

Customer No.

Cambridge, MA 02142

FORM PTO-1595  
(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings □ □ □ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Julio Estrada  
Miguel A. Estrada  
Joseph A. Russo  
Maurice B. ShoreAdditional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

## 2. Name and address of receiving party(ies)

International Business Machines  
Name: Corporation

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: Armonk State: NY ZIP: 10504

Additional name(s) & address(es) attached? ☐ Yes ☐ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other \_\_\_\_\_

Execution Date: April 3, 2000

## 4. Application number(s) or patent number(s): 09/477,477

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Stephen Keohane

Internal Address: \_\_\_\_\_

Lotus Development Corporation

Street Address: \_\_\_\_\_

55 Cambridge Parkway

City: Cambridge State: MA ZIP: 02142

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed
- ☒ Authorized to be charged to deposit account

## 8. Deposit account number:

DA12-2158

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Stephen Keohane

Name of Person Signing

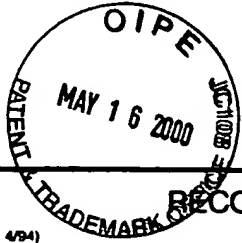
  
Signature

 10 May 2000  
  
Date

Total number of pages including cover sheet, attachments, and document: 4

 Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231





FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

# RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

**1. Name of conveying party(ies):**

Julio Estrada  
Miguel A. Estrada  
Joseph A. Russo  
Maurice B. Shore

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

**2. Name and address of receiving party(ies)**

International Business Machines  
Name: Corporation

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: Armonk State: NY ZIP: 10504

Additional name(s) & address(es) attached? ☐ Yes ☐ No

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: April 3, 2000

**4. Application number(s) or patent number(s):** 09/477,477

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

**5. Name and address of party to whom correspondence concerning document should be mailed:**

Name: Stephen Keohane

Internal Address: \_\_\_\_\_

Lotus Development Corporation

Street Address: \_\_\_\_\_

55 Cambridge Parkway

City: Cambridge State: MA ZIP: 02142

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 3.41):** \$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

**8. Deposit account number:**

DA12-2158

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

**9. Statement and signature.**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Stephen Keohane

Name of Person Signing

*Stephen Keohane*  
Signature

10 May 2000  
Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

## ASSIGNMENT

WHEREAS, we, Julio Estrada, Miguel A. Estrada, Joseph A. Russo and Maurice B. Shore have invented certain improvements in SYSTEM AND METHOD FOR DYNAMICALLY GENERATING VIEWABLE GRAPHICS a United States patent application, the specification of which was filed on January 4, 2000 and assigned application number 09/477,477.

WHEREAS, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;


NOW THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

IN TESTIMONY WHEREOF, we have hereunto set our hand and affixed our seals the date set forth below.

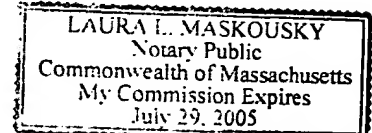
Inventor (1):  Julio Estrada

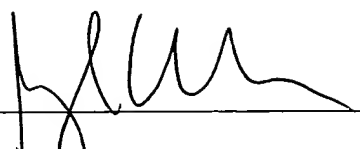
Commonwealth of Massachusetts )  
County of Middlesex )

On this 3 day of April, 2000, before me personally came Julio Estrada who is personally known to me, or who proved to me on the basis of satisfactory evidence, to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

  
Notary Public  
My Commission Expires      /      /     

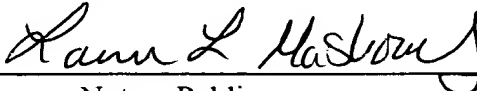
(SEAL)



Inventor (2):  Miguel A. Estrada

Commonwealth of Massachusetts )  
County of Middlesex )

On this 3 day of April, 2000, before me personally came Miguel A. Estrada who is personally known to me, or who proved to me on the basis of satisfactory evidence, to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

  
Notary Public

My Commission Expires      /      /     

LAURA L. MASKOUSKY  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
July 29, 2005

(SEAL)

Inventor (3):  Joseph A. Russo

Commonwealth of Massachusetts )  
County of Middlesex )

On this 3 day of April, 2000, before me personally came Joseph A Russo who is personally known to me, or who proved to me on the basis of satisfactory evidence, to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

  
Notary Public

My Commission Expires      /      /     

LAURA L. MASKOUSKY  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
July 29, 2005

(SEAL)

Inventor (4):  Maurice B. Shore

Commonwealth of Massachusetts )  
County of Middlesex )

On this 3 day of April, 2000, before me personally came Maurice B. Shore who is personally known to me, or who proved to me on the basis of satisfactory evidence, to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

  
Notary Public

My Commission Expires      /      /     

LAURA L. MASKOUSKY  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
July 29, 2005

(SEAL)



## SPECIFICATION IDENTIFICATION

of the specification of which:

(complete (a), (b), or (c))

(a) ☐ is attached hereto.

NOTE: The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;

"(2) name of inventor(s), and attorney docket number which was on the specification as filed; or

"(3) name of inventor(s), and title which was on the specification as filed."

Notice of July 13, 1995 (1177 O.G. 60).

(b) ☒ was filed on January 4, 2000, as ☒ Serial No. 09 / 477,477  
or ☐ \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 C.F.R. § 1.67.

NOTE: The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(A) application number (consisting of the series code and the serial number, e.g., 08/123,456);

"(B) serial number and filing date;

"(C) attorney docket number which was on the specification as filed;

"(D) title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or

"(E) title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g., 08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."

M.P.E.P. § 601.01(a), 7th Ed.

(c) ☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any).

**SUPPLEMENTAL DECLARATION (37 C.F.R. § 1.67(b))**

*(complete the following where a supplemental declaration is being submitted)*

- ☐ I hereby declare that the subject matter of the
- ☐ attached amendment
  - ☐ amendment filed on \_\_\_\_\_

was part of my/our invention and was invented before the filing date of the original application, above-identified, for such invention.

**ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

*(also check the following items, if desired)*

- ☐ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
- ☐ in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 C.F.R. § 1.98.

**PRIORITY CLAIM (35 U.S.C. §§ 119(a)-(d))**

**NOTE:** "The claim to priority need be in no special form and may be made by the attorney or agent if the foreign application is referred to in the oath or declaration as required by § 1.63. The claim for priority and the certified copy of the foreign application specified in 35 U.S.C. 119(b) must be filed in the case of an interference (§ 1.630), when necessary to overcome the date of a reference relied upon by the examiner, when specifically required by the examiner, and in all other situations, before the patent is granted. If the claim for priority or the certified copy of the foreign application is filed after the date the issue fee is paid, it must be accompanied by a petition requesting entry and by the fee set forth in § 1.17(f). If the certified copy is not in the English language, a translation need not be filed except in the case of interference; or when necessary to overcome the date of a reference relied upon by the examiner; or when specifically required by the examiner, in which event an English language translation must be filed together with a statement that the translation of the certified copy is accurate." 37 C.F.R. § 1.55(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

*(complete (d) or (e))*

- (d) ☐ no such applications have been filed.
- (e) ☐ such applications have been filed as follows.

**NOTE:** Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

(Declaration and Power of Attorney [1-1]—page 3 of )





**PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION  
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<input type="checkbox"/> YES    NO <input type="checkbox"/>
			<input type="checkbox"/> YES    NO <input type="checkbox"/>
			<input type="checkbox"/> YES    NO <input type="checkbox"/>
			<input type="checkbox"/> YES    NO <input type="checkbox"/>
			<input type="checkbox"/> YES    NO <input type="checkbox"/>

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
(34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

**PROVISIONAL APPLICATION NUMBER**

**FILING DATE**

\_\_\_\_ / \_\_\_\_\_  
\_\_\_\_ / \_\_\_\_\_  
\_\_\_\_ / \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S)  
UNDER 35 U.S.C. § 120**

- ☐ The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

**ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**



**NOTE:** If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete **ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION** for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.

**POWER OF ATTORNEY**

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

*(list name and registration number)*

Stephen Keohane, Esq.	Shelley M Beckstrand
Reg. No. 34,360	Reg. No. 24,886

*(check the following item, if applicable)*

- ☐ I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.
- ☒ Attached, as part of this declaration and power of attorney, is the authorization of the above-named practitioner(s) to accept and follow instructions from my representative(s).

**SEND CORRESPONDENCE TO**

**DIRECT TELEPHONE CALLS TO:**  
*(Name and telephone number)*

☒ **Address**  
Lotus Development Corporation  
55 Cambridge Parkway  
Cambridge, MA 02142

Stephen Keohane, Esq.  
(617) 693-4152

☐ **Customer Number** \_\_\_\_\_

## DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

NOTE: Each inventor must be identified by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 CFR § 1.63(a)(3).

NOTE: Inventors may execute separate declarations/oaths provided each declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53,131, 53,142, October 10, 1997,

### Full name of sole or first inventor

Julio Estrada  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature [Signature]  
Date 4/3/2000 Country of Citizenship USA  
Residence 67 Ledge ways, Carlisle, MA 01741  
Post Office Address SAME

### Full name of second joint inventor, if any

Miguel Estrada  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature [Signature]  
Date 4/3/2000 Country of Citizenship USA  
Residence 22 Crestwood Drive, Hollis, NH 03049  
Post Office Address SAME

### Full name of third joint inventor, if any

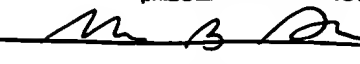
Joseph A. Russo  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature [Signature]  
Date 4/3/2000 Country of Citizenship USA  
Residence 11 Plain Road, Westford, MA 01886  
Post Office Address SAME





DECLARATION FOR

<u>Maurice</u> <small>(GIVEN NAME)</small>	<u>B.</u> <small>(MIDDLE INITIAL OR NAME)</small>	<u>Shore</u> <small>FAMILY (OR LAST NAME)</small>
---	--	--

Inventor's signature 

Date 4/3/2002 Country of Citizenship USA

Residence 26 Ash Street, Concord, MA 01742

Post Office Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Full name of ~~fifth~~ joint inventor, if any

<u>                    </u> <small>(GIVEN NAME)</small>	<u>                    </u> <small>(MIDDLE INITIAL OR NAME)</small>	<u>                    </u> <small>FAMILY (OR LAST NAME)</small>
--	--	---

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Full name of ~~sixth~~ joint inventor, if any

<u>                    </u> <small>(GIVEN NAME)</small>	<u>                    </u> <small>(MIDDLE INITIAL OR NAME)</small>	<u>                    </u> <small>FAMILY (OR LAST NAME)</small>
--	--	---

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_

\_\_\_\_\_

(check proper box(es) for any of the following added page(s)  
that form a part of this declaration)

☒ **Signature** for fourth and subsequent joint inventors. Number of pages added \_\_\_\_\_

. . .

☐ **Signature** by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added \_\_\_\_\_

. . .

☐ **Signature** for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added \_\_\_\_\_

. . .

☐ Added page for **signature** by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)

. . .

☐ Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.

☐ Number of pages added \_\_\_\_\_

. . .

☐ Authorization of practitioner(s) to accept and follow instructions from representative.

. . .

(if no further pages form a part of this Declaration,  
then end this Declaration with this page and check the following item)

☒ This declaration ends with this page.